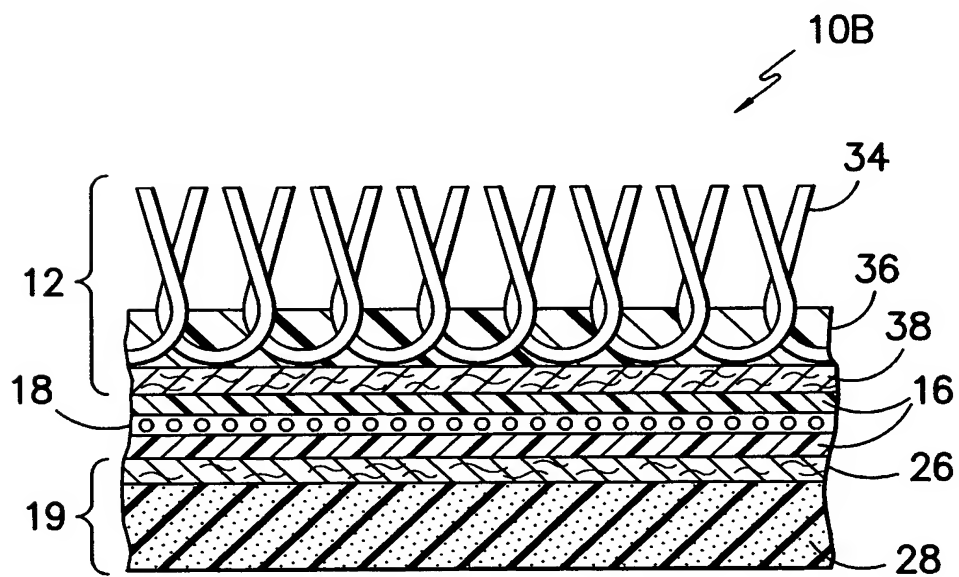
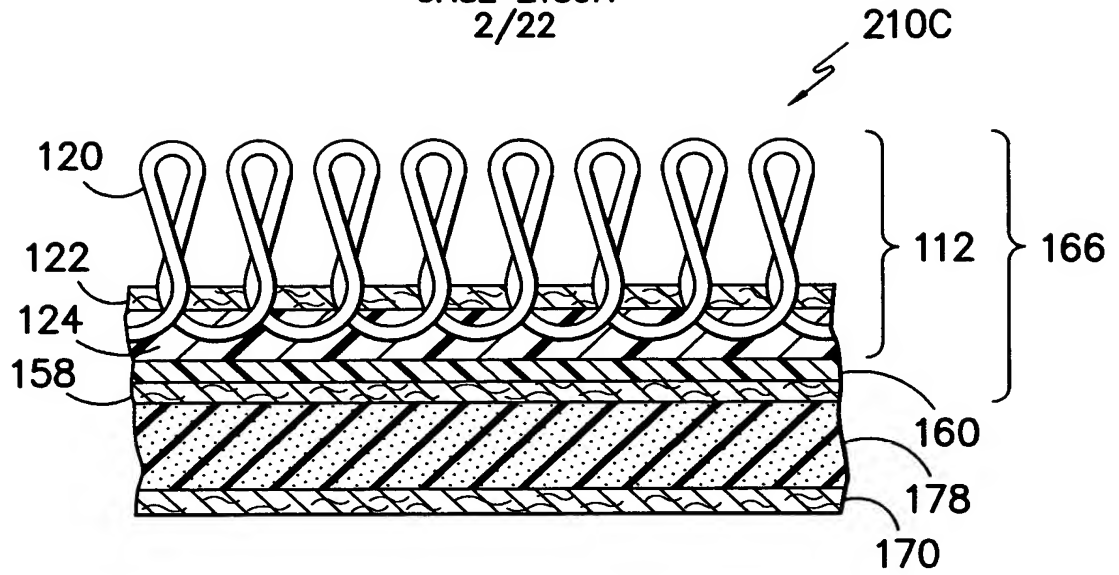


*FIG. -1A-*

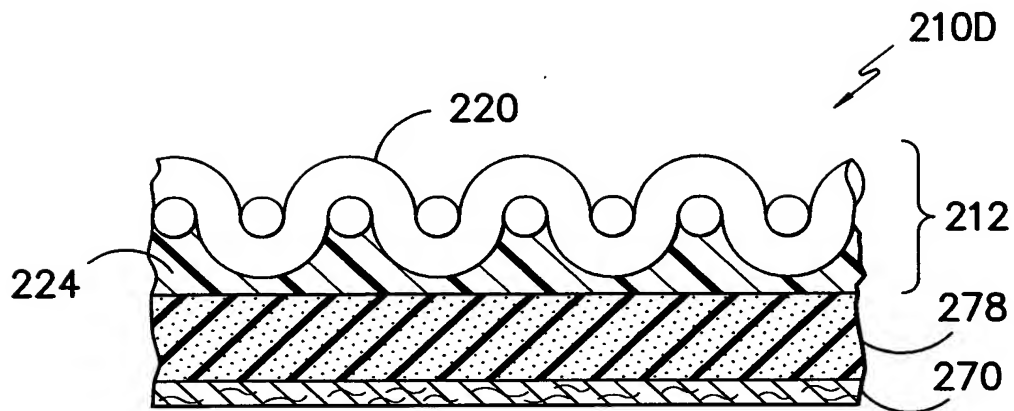


*FIG. -1B-*

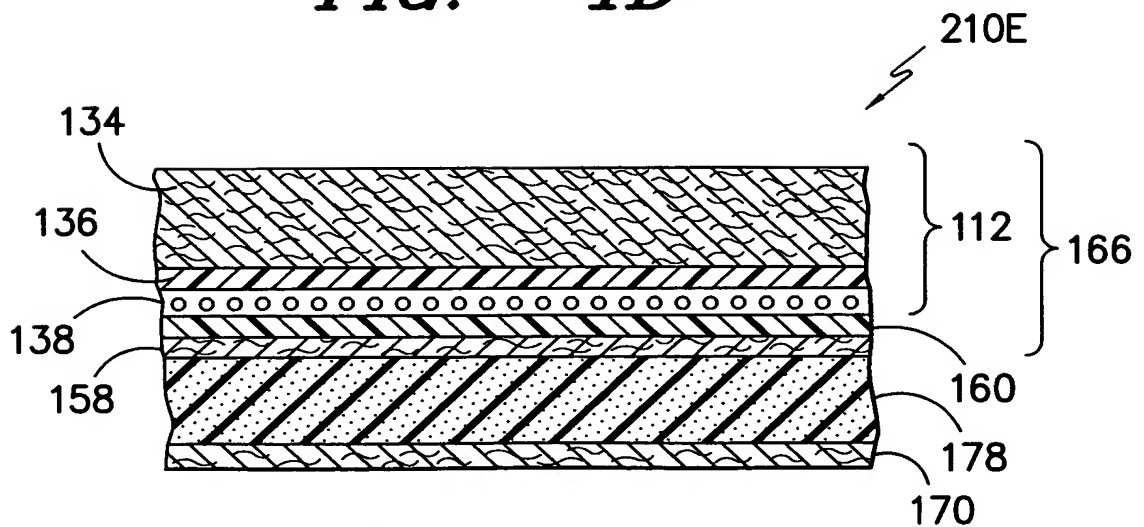
CASE 2159A  
2/22



*FIG. -1C-*



*FIG. -1D-*



*FIG. -1E-*

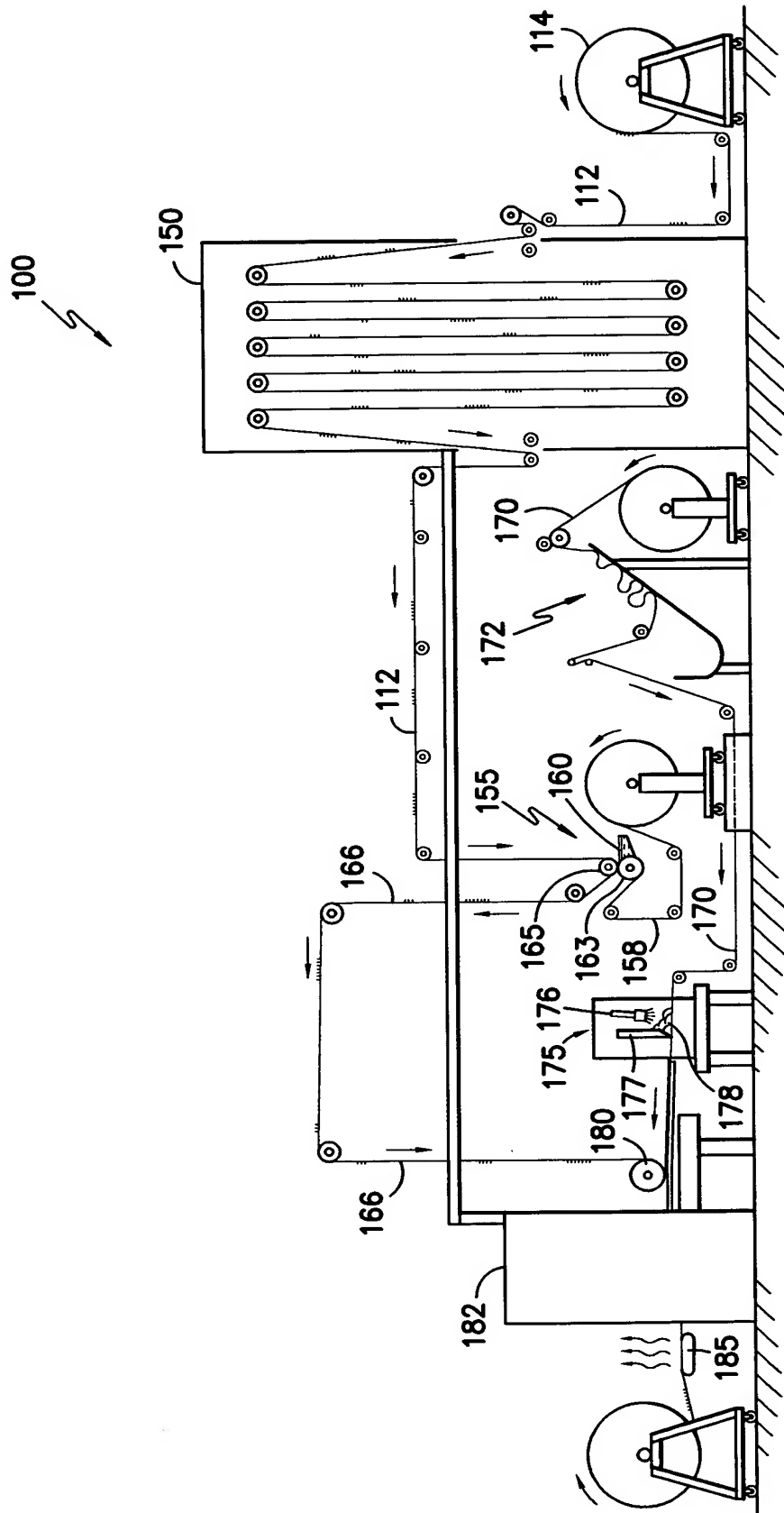
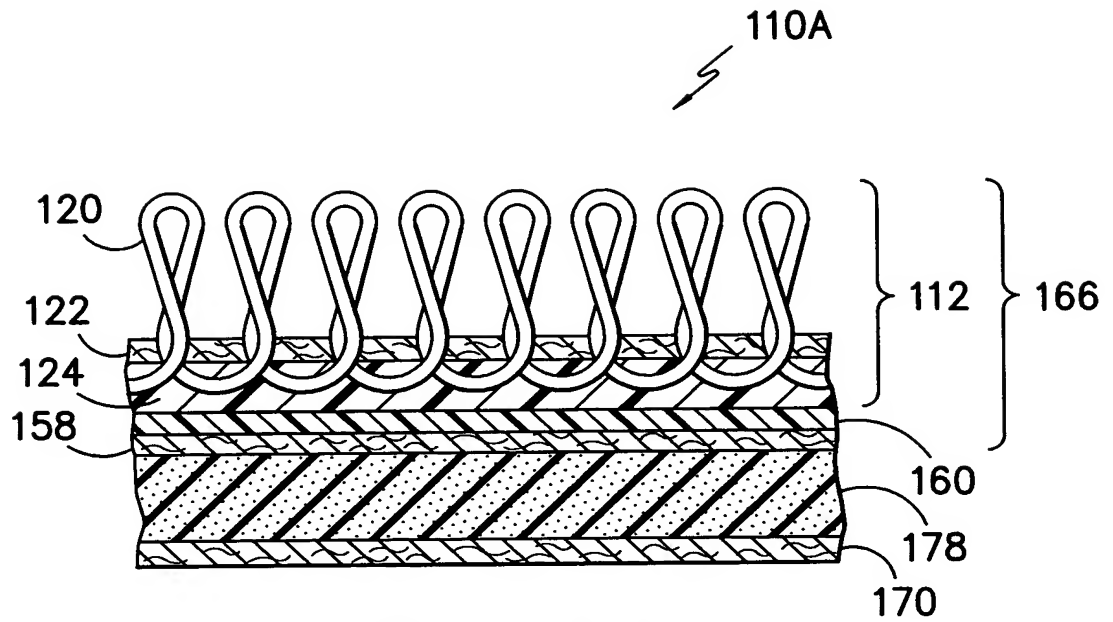


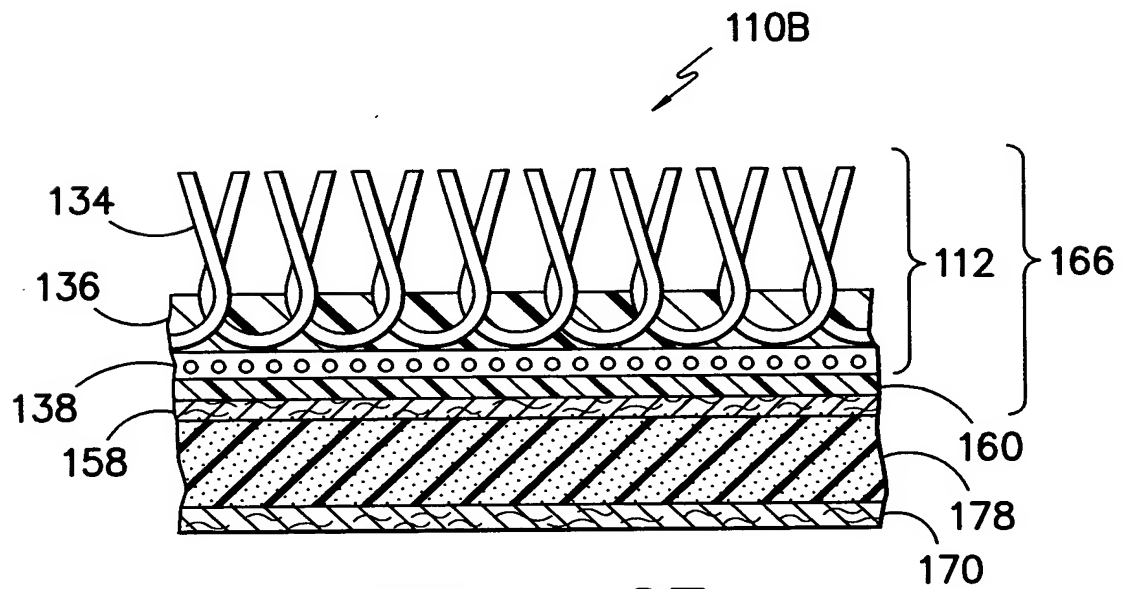
FIG. -2-



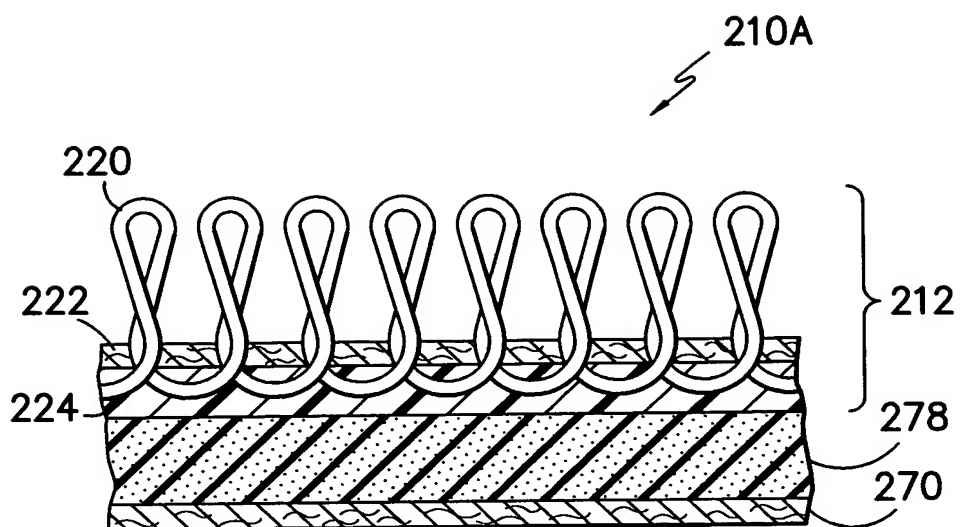
**FIG. -2A-**



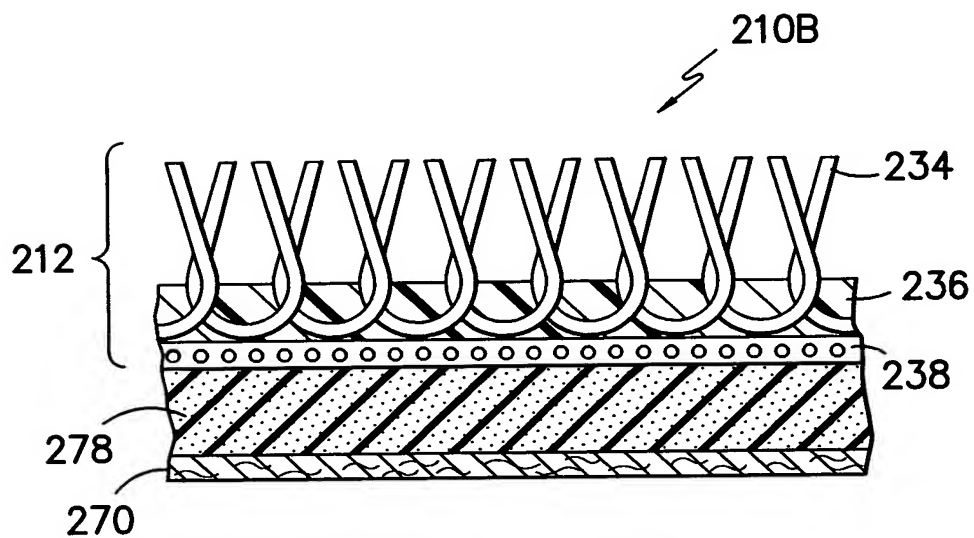
*FIG. -3A-*



*FIG. -3B-*



*FIG. -4A-*



*FIG. -4B-*

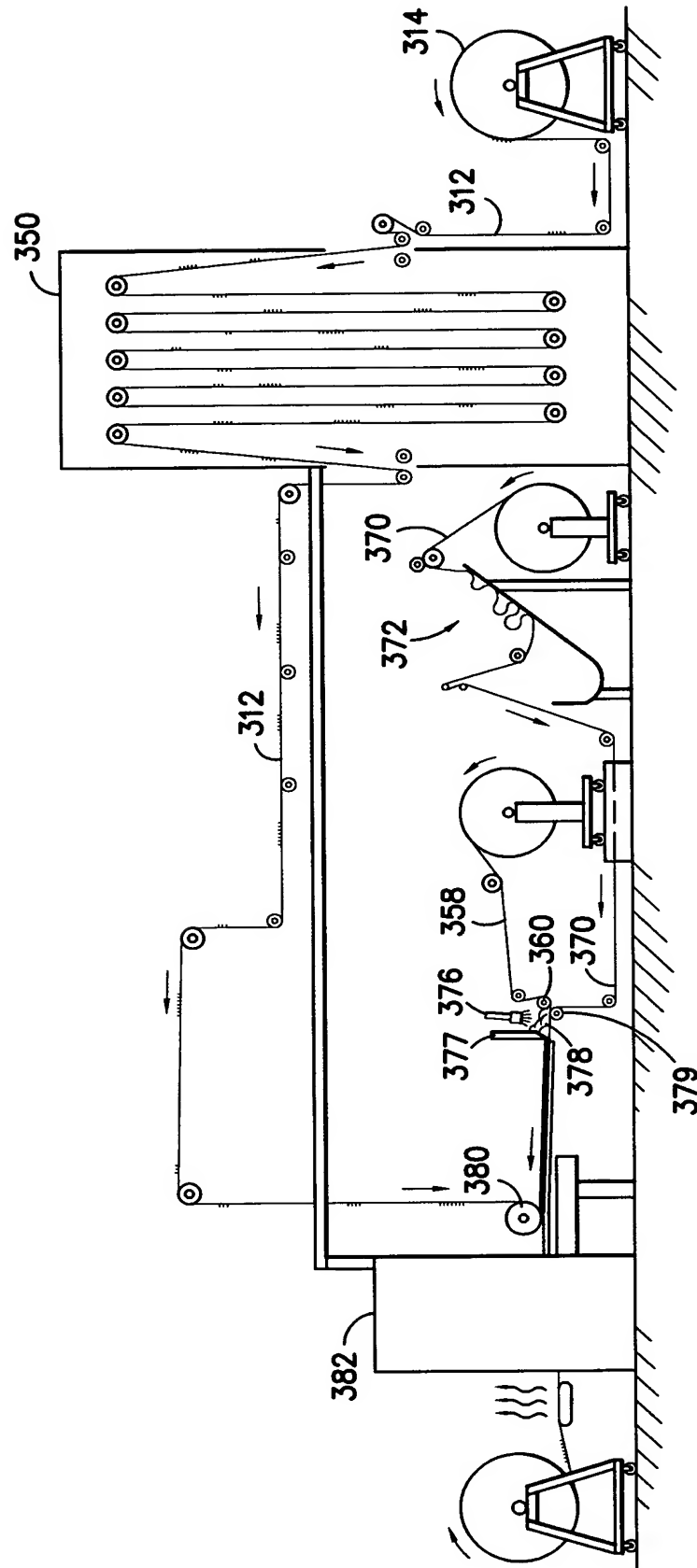


FIG. -5-

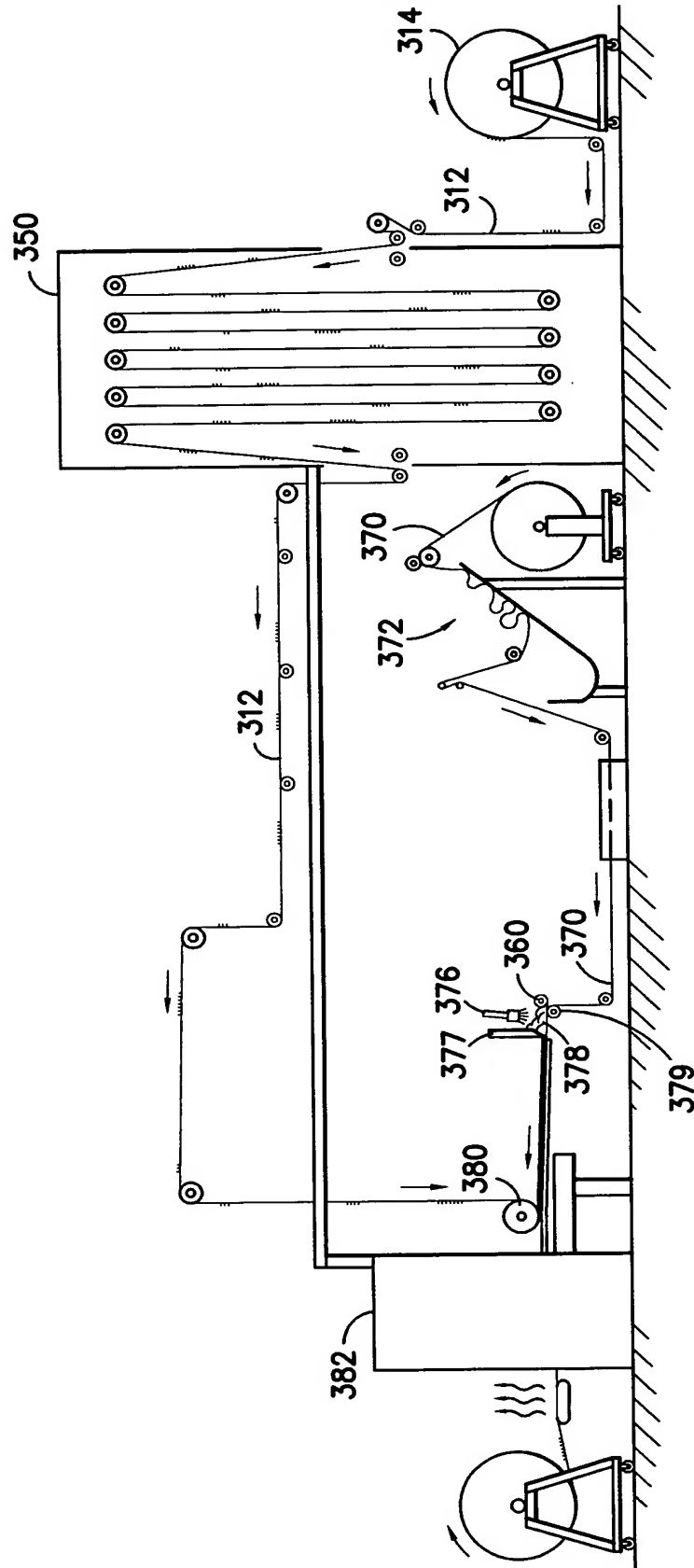
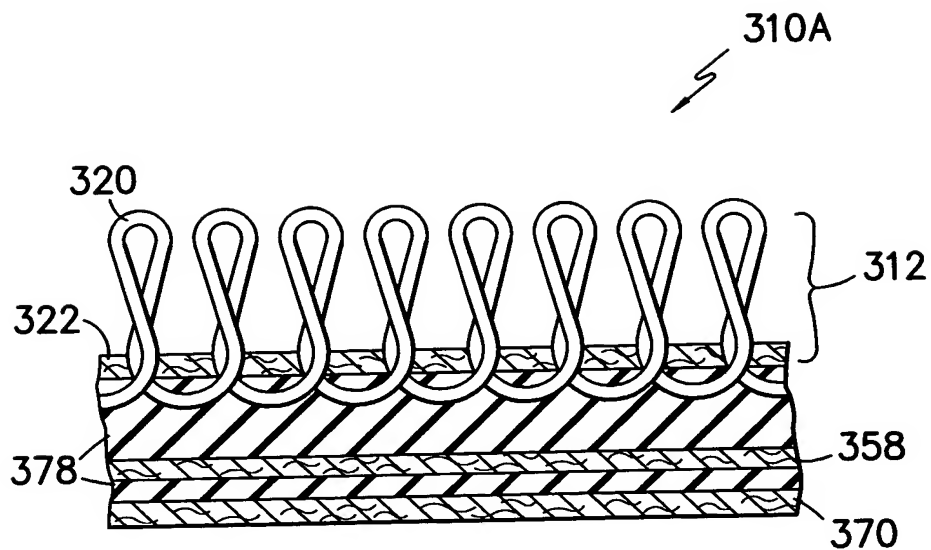
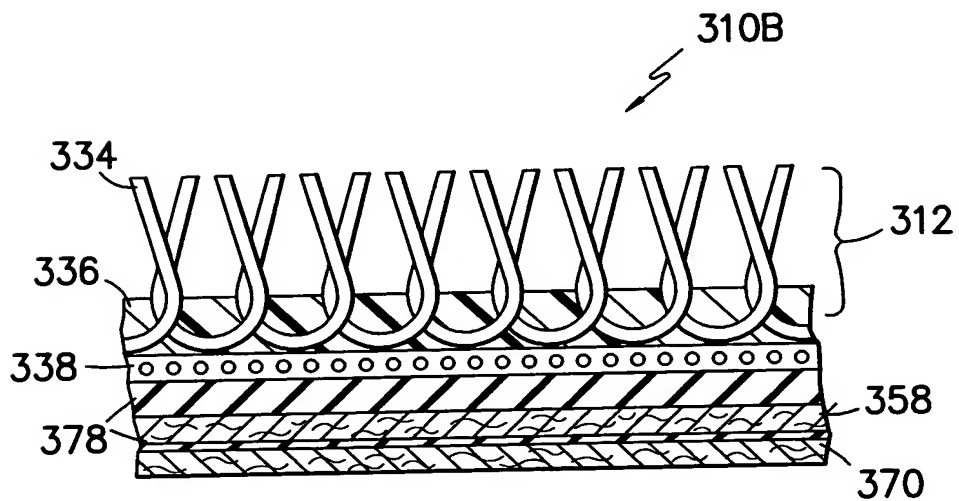


FIG. -5A-





*FIG. -6A-*



*FIG. -6B-*

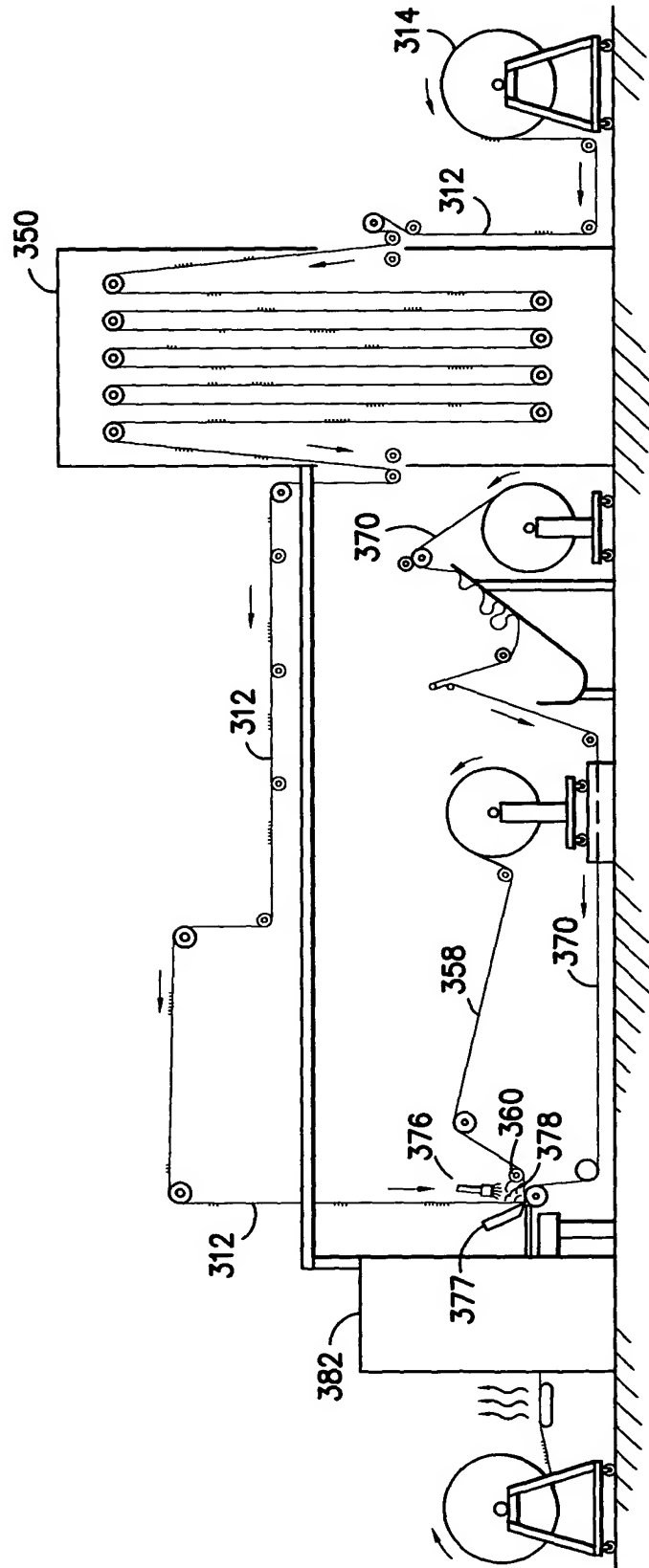
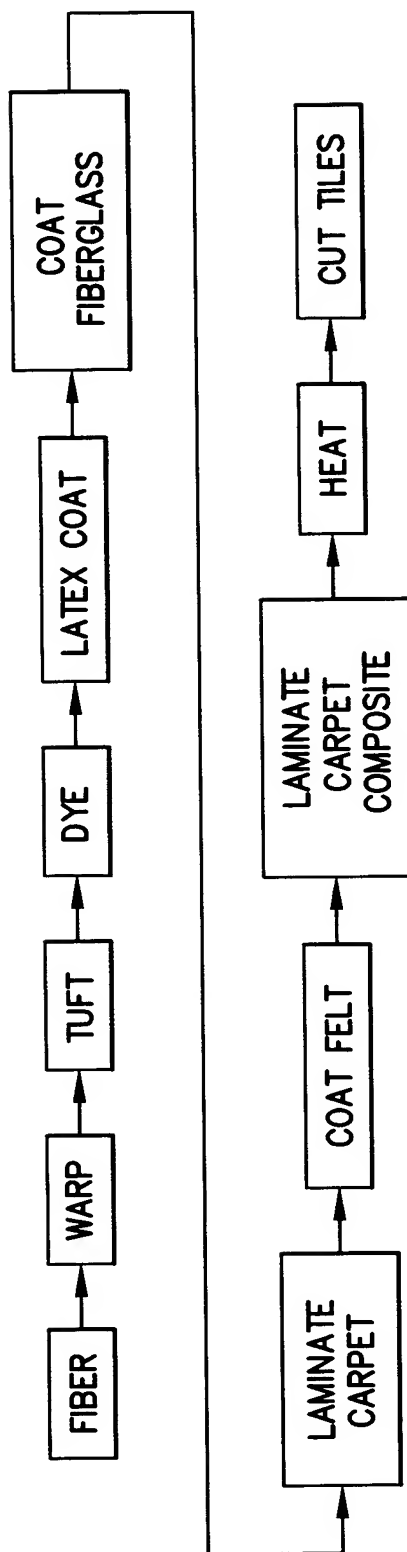


FIG. -7-



*FIG. -8A-*



*FIG. -8B-*

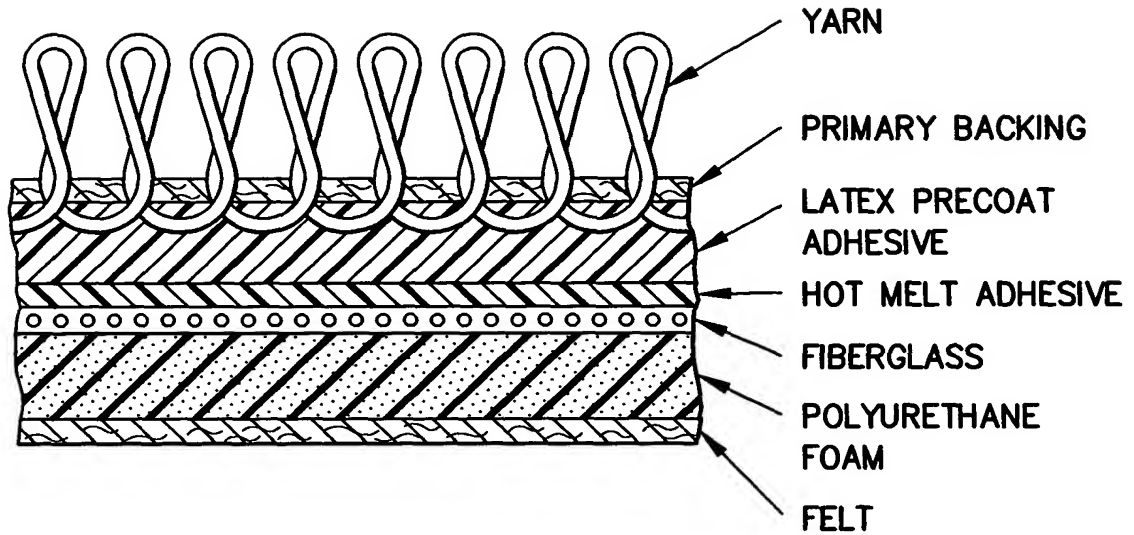
| FIBER               | FIBER             | FILAMENT | DENIER | PLY | TWIST | AIR ENTANGLE | HEATSET |
|---------------------|-------------------|----------|--------|-----|-------|--------------|---------|
| UPPER SETTING       | NYLON T-6,6 OR T6 | BCF      | 1700   | 3   | 4 x 4 | YES          | YES     |
| MOST LIKELY SETTING | NYLON T-6,6 OR T6 | BCF      | 1360   | 1   | NONE  | NONE         | NONE    |
| LOWER SETTING       | POLYPROPYLENE     | STAPLE   | 1120   | 1   | NONE  | NONE         | NONE    |

|                     |      |
|---------------------|------|
| WARP                | ENDS |
| UPPER SETTING       | 1800 |
| MOST LIKELY SETTING | 1512 |
| LOWER SETTING       | 576  |

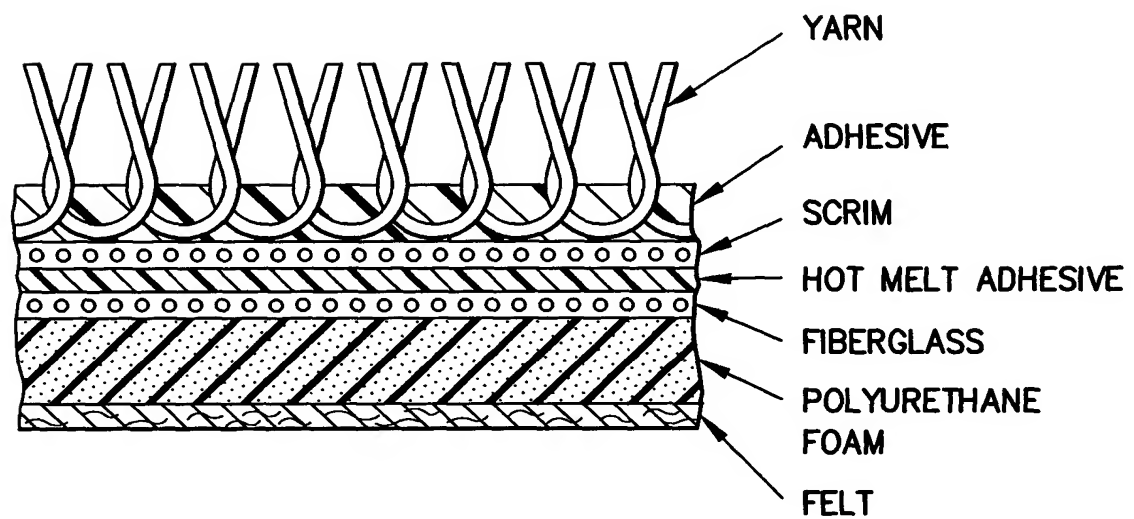
| TUFT                | TYPE                  | CREEL                 | GAUGE      | PILE HEIGHT           | STITCHES/in            | PRIMARY BACKING       | PRIMARY FIBER           | TUFTED WEIGHT            |
|---------------------|-----------------------|-----------------------|------------|-----------------------|------------------------|-----------------------|-------------------------|--------------------------|
| UPPER SETTING       | CUT                   | BEAM                  | 5/64"      | 16/64"                | 18                     | NON-WOVEN             | POLYESTER               | 15 oz/yd <sup>2</sup>    |
| MOST LIKELY SETTING | LOOP                  | BEAM                  | 1/10"      | 10/64 & 13/64         | 14.39                  | WOVEN                 | POLYPROPYLENE           | 12.34 oz/yd <sup>2</sup> |
| LOWER SETTING       | LOOP                  | CREEL                 | 1/8"       | 8/64"                 | 10                     | WOVEN                 | POLYPROPYLENE           | 8 oz/yd <sup>2</sup>     |
| DYE                 | SCOUR                 | VACUUM                | WET OUT    | DESIGN                | STEAM                  | WASH                  | FLUOROCEM               | DRY                      |
| UPPER SETTING       | H <sub>2</sub> O 180F | 12 in Hg              | 100" wpu   | DYE INJECTION         | 210F                   | H <sub>2</sub> O      | 0.16 oz/yd <sup>2</sup> | 300F                     |
| MOST LIKELY SETTING | H <sub>2</sub> O 155F | 10 in Hg              | 80" wpu    | DYE INJECTION         | 210F                   | H <sub>2</sub> O      | 0.08 oz/yd <sup>2</sup> | 270F                     |
| LOWER SETTING       | H <sub>2</sub> O 120F | 6 in Hg               | 50" wpu    | TUFTED DESIGN         | 210F                   | H <sub>2</sub> O      | 0.04 oz/yd <sup>2</sup> | 210F                     |
| COAT                | LATEX TYPE            | LATEX ADD ON          | LATEX OVEN | HOTMELT ADHESIVE      | FIBERGLASS             | POLYURETHANE ADD ON   | POLYURETHANE THICKNESS  | POLYURETHANE DENSITY     |
| UPPER SETTING       | SBR                   | 20 oz/yd <sup>2</sup> | 320F       | 50 oz/yd <sup>2</sup> | 4 oz/yd <sup>2</sup>   | 30 oz/yd <sup>2</sup> | 0.12 INCHES             | 18 lb/ft <sup>2</sup>    |
| MOST LIKELY SETTING | SBR                   | 16 oz/yd <sup>2</sup> | 300F       | 42 oz/yd <sup>2</sup> | 2 oz/yd <sup>2</sup>   | 20 oz/yd <sup>2</sup> | 0.06 INCHES             | 16 lb/ft <sup>2</sup>    |
| LOWER SETTING       | EVA                   | 12 oz/yd <sup>2</sup> | 280F       | 36 oz/yd <sup>2</sup> | 1.5 oz/yd <sup>2</sup> | 10 oz/yd <sup>2</sup> | 0.04 INCHES             | 14 lb/ft <sup>2</sup>    |

| COAT                | FELT CONSTRUCTION | FELT FIBER    | CURE 360F | TILE SIZE |
|---------------------|-------------------|---------------|-----------|-----------|
| UPPER SETTING       | NON-WOVEN         | POLYESTER     | 330F      | 1 METER   |
| MOST LIKELY SETTING | NON-WOVEN         | PE & PP       | 300F      | 36 INCH   |
| LOWER SETTING       | WOVEN             | POLYPROPYLENE |           | 18 INCH   |

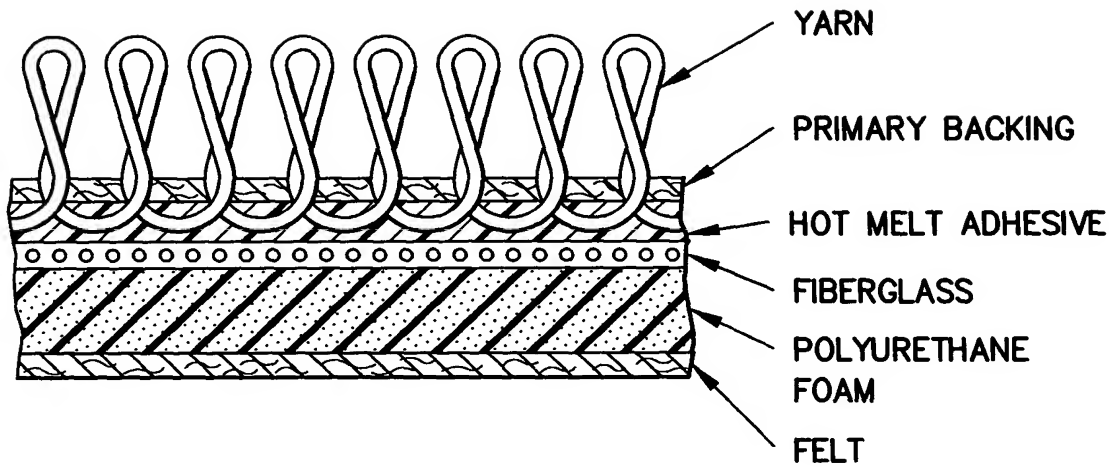
FIG. -9-



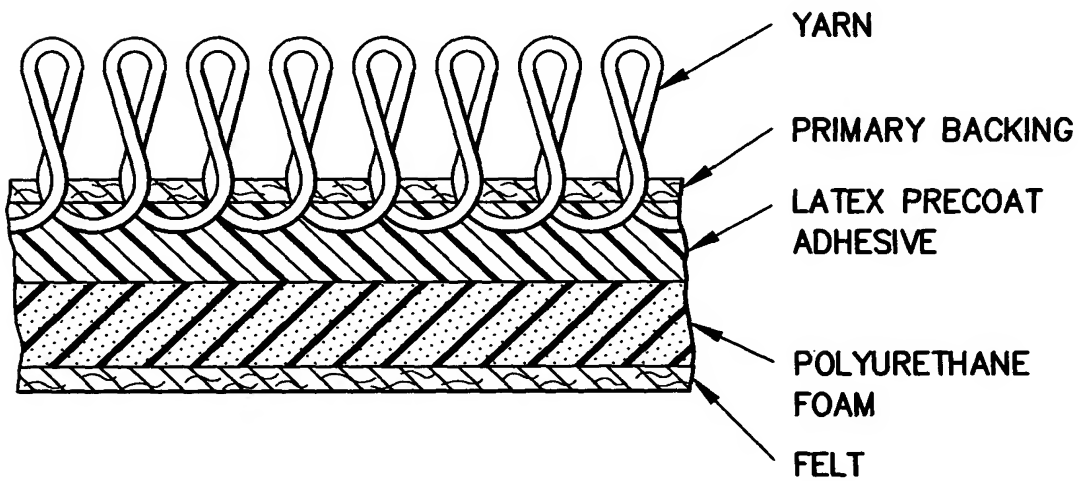
*FIG. -10A-*



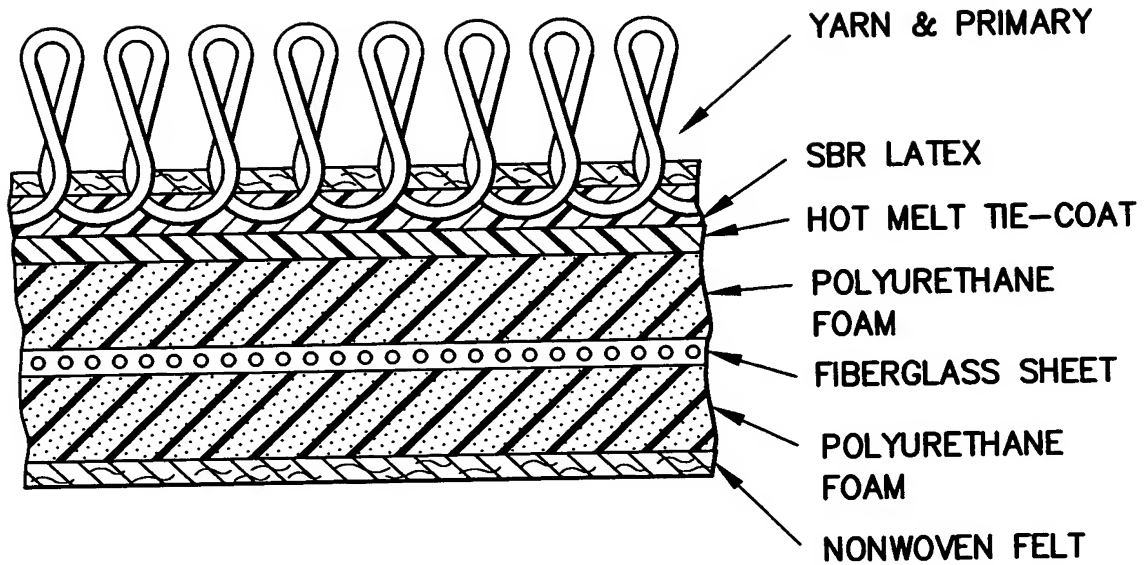
*FIG. -10B-*



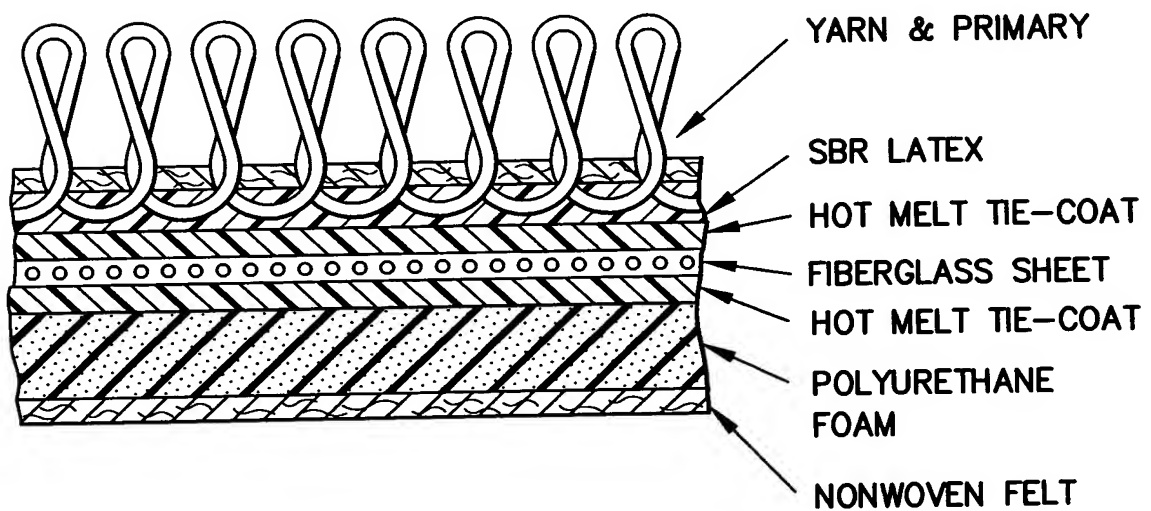
*FIG. -11-*



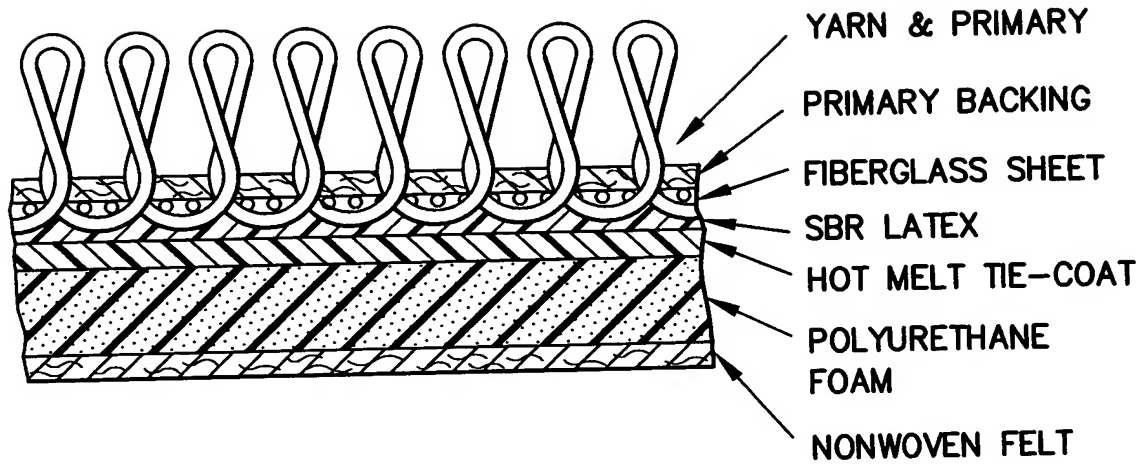
*FIG. -12-*



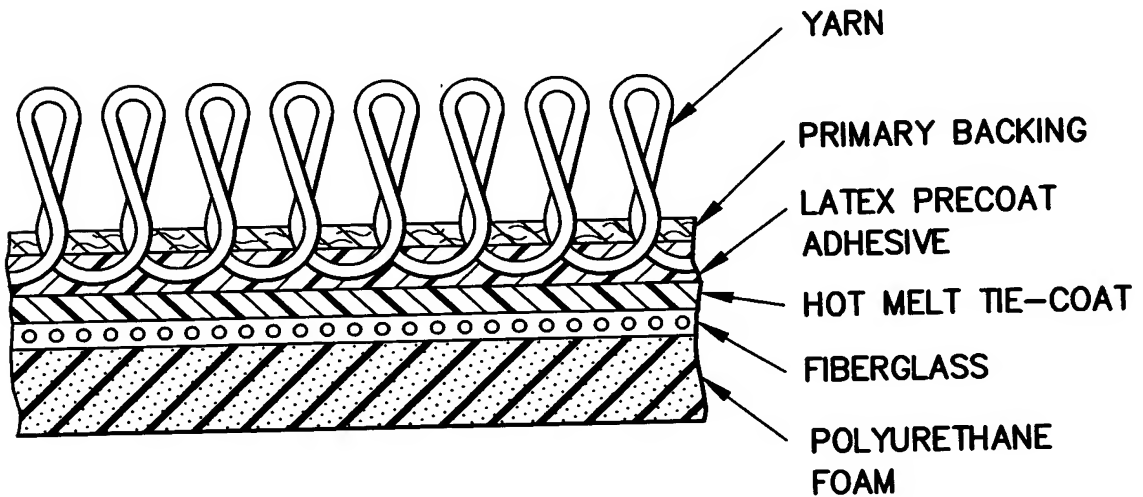
*FIG. -13-*



*FIG. -14-*

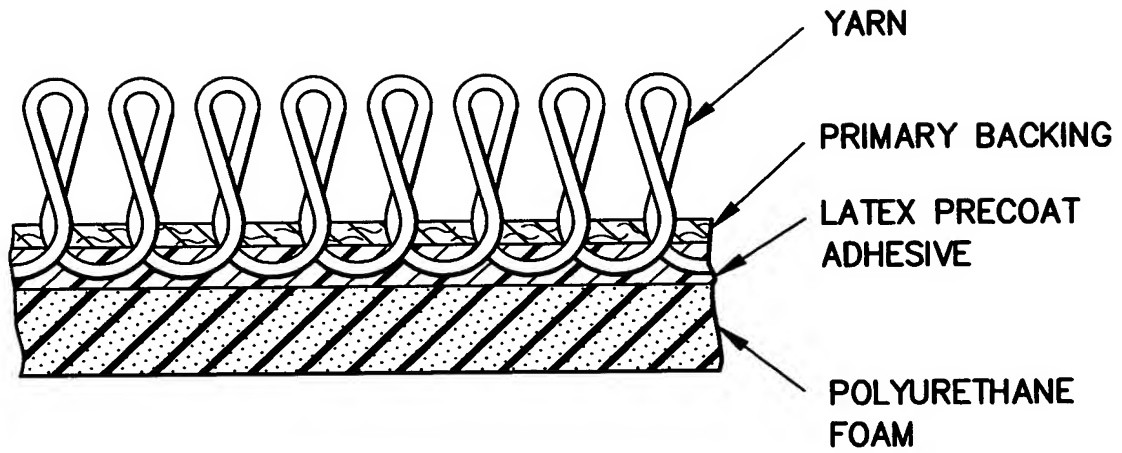


*FIG. -15-*

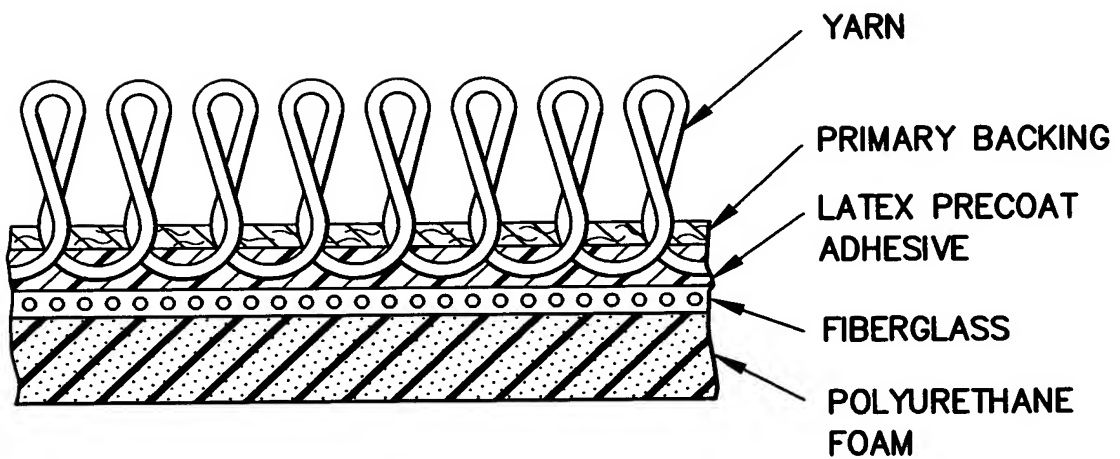


*FIG. -16-*

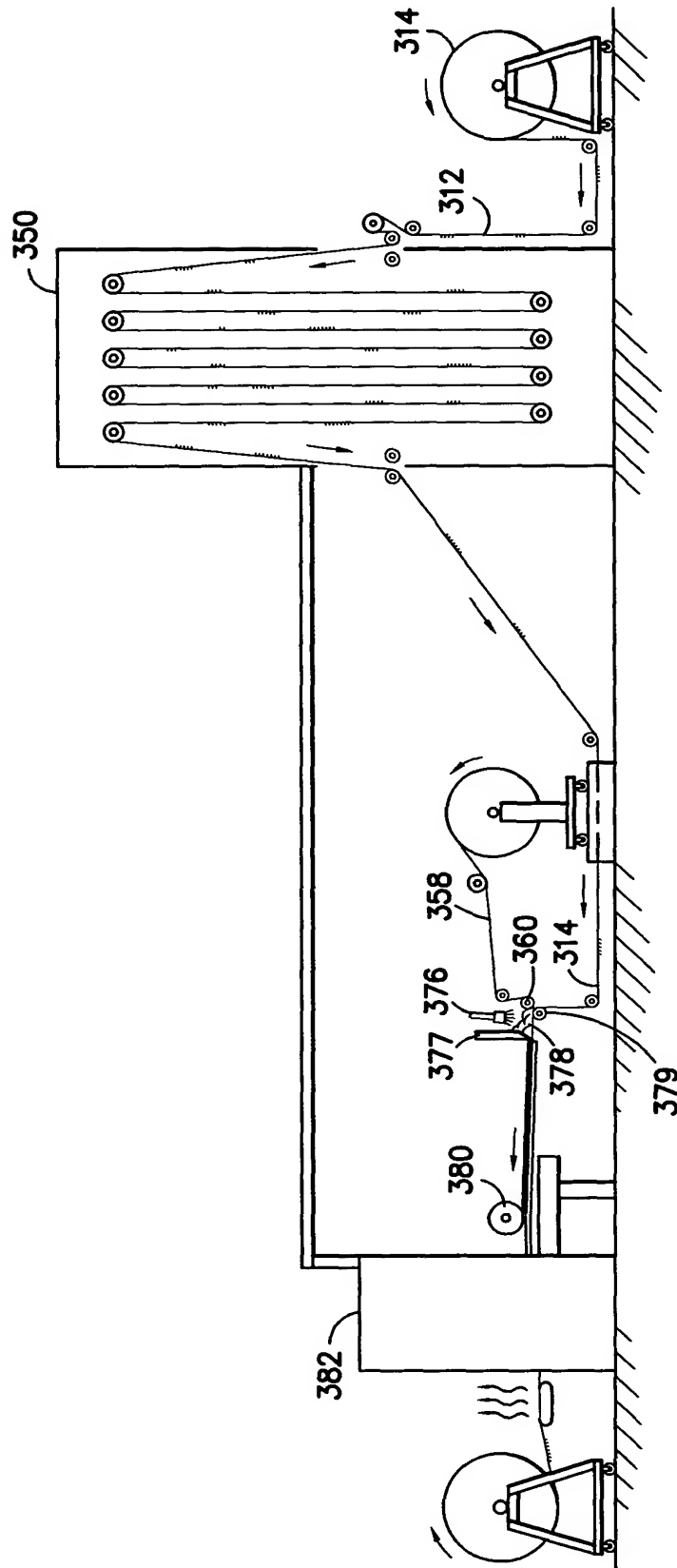




*FIG. -17-*

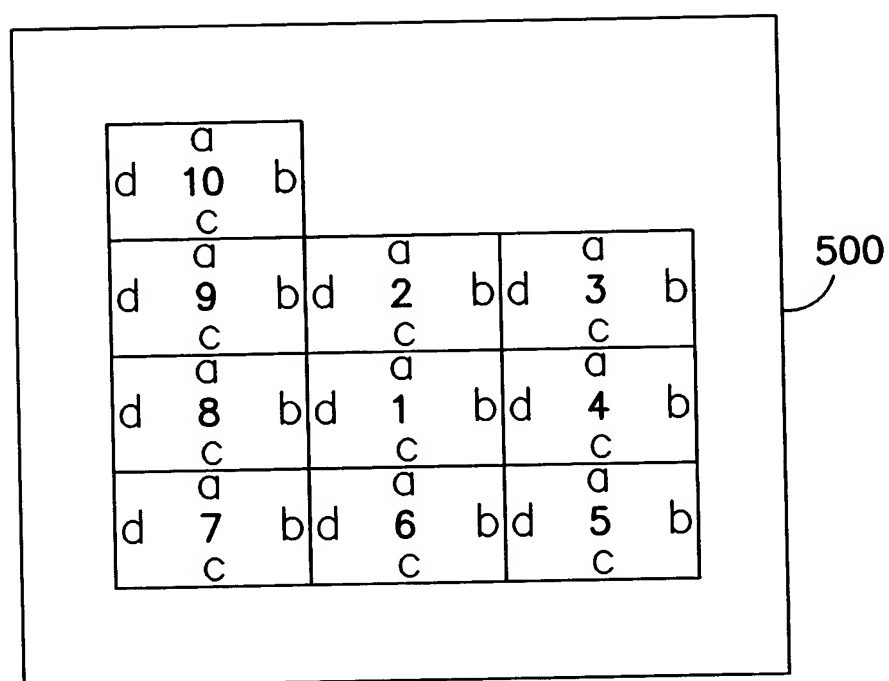


*FIG. -18-*



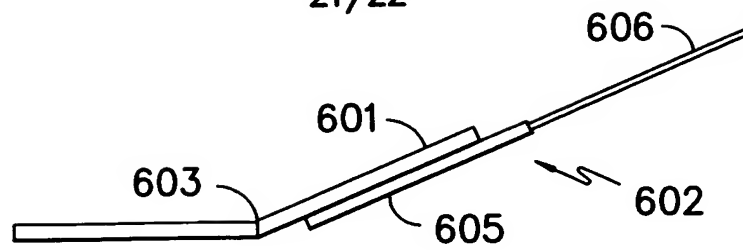
*FIG. -19-*

**FIG. -19A-**

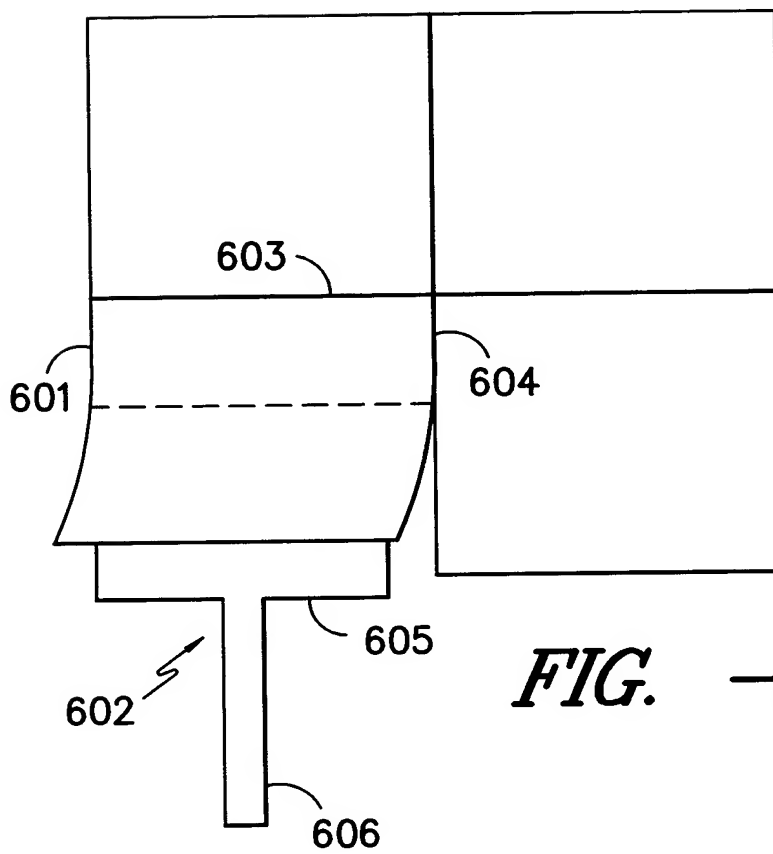


*FIG. -20-*

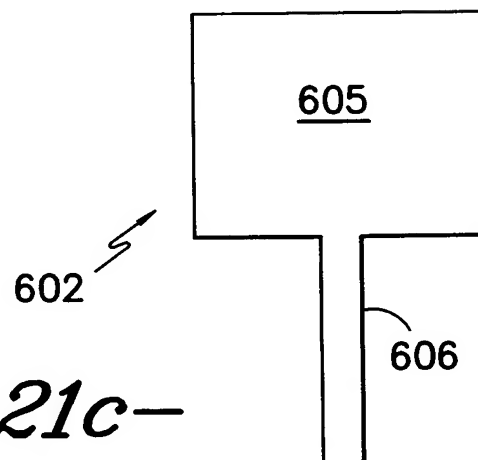
CASE 2159A  
21/22



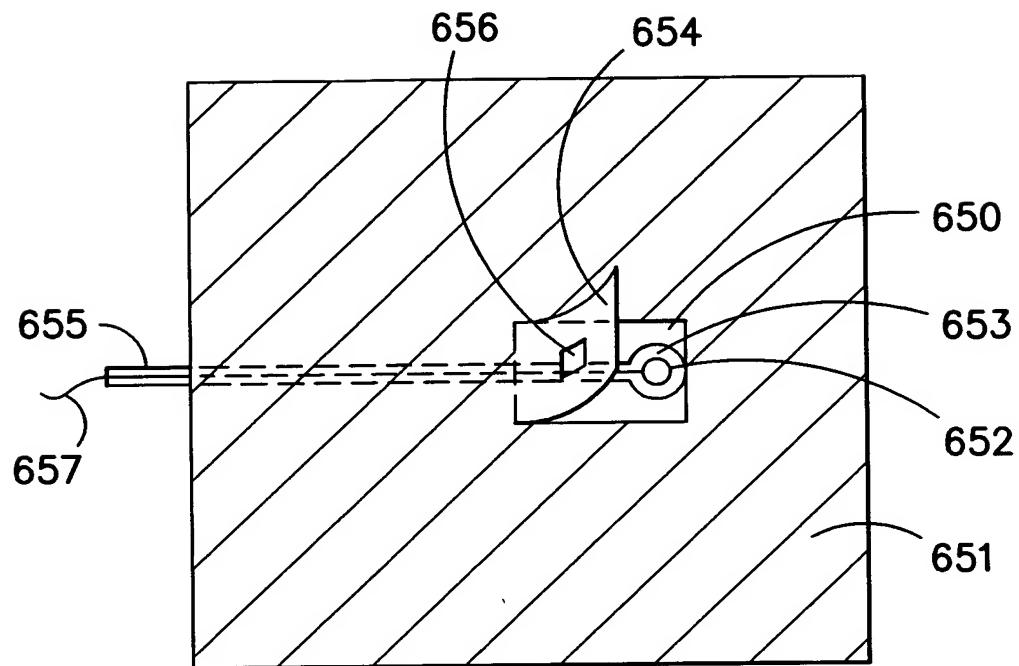
*FIG. -21a-*



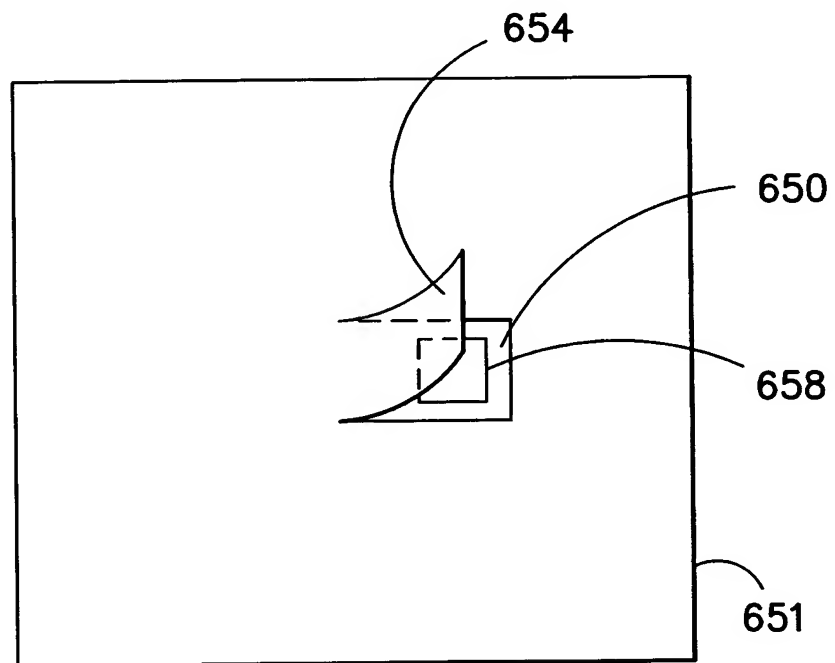
*FIG. -21b-*



*FIG. -21c-*



*FIG. -22-*



*FIG. -23-*